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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10/022,524 | 12/20/2001 | Seppo Alanara | 367.40208X00 | 2838 |

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EXAMINER

DOAN, KIET M

| ART UNIT | PAPER NUMBER |
|----------|--------------|
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2683

DATE MAILED: 06/07/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/022,524

Applicant(s)

SEPPO ALANARA

Examiner

Kiet Doan

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 December 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input checked="" type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Drawings

The drawings in this application are objected to by the Draftsperson under 37 CFR 1.84 or 1.52. Corrected drawing is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this

Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

1. **Claims 1, 2, 6 and 11, 12, 16** are rejected under 35 U.S.C. 102(e) as being anticipated by Beamish (Patent No. 6,694,143).

Consider **claims 1 and 11**. Beamish teaches a wireless terminal for communicating with other wireless terminals in a network using wireless signals, comprising: an input device for inputting commands and data (Col 4, Lines 1-4) an output device for outputting information; a transmitter/receiver circuit for transmitting and receiving wireless signals (Col 3, Lines 63-65) and a controller

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for controlling said input device, said output device and said transmitter/receiver circuit, wherein said controller is settable by a user to one of a plurality of operation modes including (Col 4, Lines 30-35) a scanner mode which causes said wireless terminal to scan received wireless signals to determine whether identifying wireless signals corresponding to a target device have been received and if said identifying wireless signals have been received, outputting via said output device an indication that said wireless terminal is within range of said target device where communications with said target device can be conducted.

(Abstract, Col 1, Line 64. Col 2, Lines 60)

Consider **claims 2 and 12**. Beamish teaches wherein the operation mode further includes: a target mode which causes said wireless terminal to operate as a target device and transmit identifying wireless signals identifying the wireless terminal (Col 2, Lines 50-52).

Consider **claims 6 and 16**, Beamish teaches wherein said controller is set to the scanner mode said wireless terminal scans received wireless signals to determine whether the identifying wireless signals indicates the target device as being associated with predefined information (Col 4, Lines 30-36)

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 3, 4, 7, 8, 9, 13, 14, 17, 18 and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Beamish (Patent No. 6,694,143) in view of Hendrey (Patent No. 6,539,232).

Consider **claims 3 and 13**, Beamish teaches the invention but fail to teach that a wireless terminal wherein said identifying wireless signals indicates that said target device is associated with predefined information. In an analogous art, Hendrey teaches "Method and system for connecting mobile users base on degree of separation". Further, Hendrey teaches that wireless terminal wherein said identifying wireless signals (Col 3, lines 1-4) indicate that said target device is associated with predefined information (Col 2, Lines 39-59).

Therefore, it would have been obvious at the time that the invention was made that person having ordinary skill in the art to include, within the Beamish's system, the predefined information, as taught by Henrey to let the users aware /alert and notice when the device is associated with the predefined information according to user's desire/selection.

Consider **claims 4 and 14**, Hendrey further teaches said predefined information is input by a user of the target device (Col 3, Lines 17-24).

Consider **claims 7 and 17** Hendrey furthers disclosed wherein when said controller is set to said target mode the user is permitted to input predefined information concerning the user (Col 2, Lines 64-67) and said identifying wireless signals transmitted by said wireless terminal indicate said wireless terminal as being associated with the predefined information (Col 3, Lines 1-25).

Consider **claims 8 and 18**, Henrey further disclosed where said identify wireless signals indicated that said target device is associated with predefined information (Col 2, Lines 54-60. Col 3, Lines 1-5).

Consider **claims 9 and 19**, Henrey further disclosed where said predefined information is input by a user of the target device (Col 2, Lines 60-67).

3. **Claims 5, 15 and 20** are rejected under 35 U.S.C. 103(a) as being unpatentable over Beamish (Patent No. 6,694,143) in view of Hendrey (Patent No. 6,539,232) as applied above, and further view of Shapira (Patent No. 5,086,394).

Consider **claims 5, 15 and 20**, Beamish and Hendrey are disclosed all the

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limitation of the invention as explain above but fails to teaches the wireless terminal wherein said predefined information includes information concerning the user of the target device such as a name of the user, hobbies of the user, marital status of the user. In an analogous art, Shapira disclosed "Introduction system for locating compatible person". Sapira further discloses wherein said predefined information includes information concerning the user of the target device such as a name of the user, hobbies of the user, marital status of the user (Col 2, Line 13-68. Col 3, Line 1-68).

Therefore, It would have been obvious at the time that the invention was made to combine the personal information, as taught by Sapira to the system of Beamish and Henrey. The motivation for combine would be provide the best "matched" that make the users comfortable of the information.

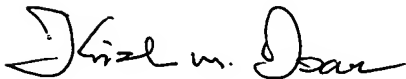
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kiet Doan whose telephone number is 703-305-4749. The examiner can normally be reached on 8am - 5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Trost can be reached on 703-308-5318. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



PATENT EXAMINER
05/28/2004



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